



OAQ Process Information Application PI-09: DEGREASING OPERATIONS

State Form 52549 (2-06)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT



IDEM – Office of Air Quality – Permits Branch
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www.IN.gov/idem/air/permits/index.html

NOTES:

- The purpose of this form is to obtain detailed information about the degreasing process. Complete one form for each process unit (or group of identical process units). This is required form.
- Detailed **instructions** for this form are available online at www.in.gov/idem/air/permits/apps/instructions/pi09instructions.html.
- All information submitted to IDEM will be made available to the public unless it is submitted under a claim of confidentiality. Claims of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in 326 IAC 17.1-4-1. Failure to follow these requirements exactly will result in your information becoming a public record, available for any one to inspect and photocopy.

PART A: Degreasing Unit Information

Part A identifies the type of degreasing unit. Use one form to identify each type of degreaser system used at your source.

1. Type of Degreaser	2. Unit ID	3. Installation Date	4. Number of Identical Degreasers	5. Material Cleaned	6. Parameter	7. Value	8. Units
<input type="checkbox"/> Cold Cleaner					a. Agitation method:		
					b. Drainage time:		
<input type="checkbox"/> Open-Top Vapor Degreaser					a. Freeboard ratio:		
					b. Condenser operating temperature:		
					c. Maximum work velocity:		
					d. Degreasing Time:		
					e. Drying Time:		
					f. Exhaust ventilation rate:		
					g. Interface area (ft ²):		
<input type="checkbox"/> Conveyorized Degreaser					a. Condenser operating temperature:		
					b. Conveyor speed:		
					c. Degreasing zone length (feet):		
					d. Exhaust ventilation rate:		
					e. Maximum tunnel entrance and exit clearance:		

PART B: Solvent Information

Part B identifies the solvents used. *Include a Material Safety Data Sheet (MSDS) for each solvent used.*

9. Type of Solvent	10. Unit ID:	11. Consumption (gal/day)	12. Density (lb/gal)	13. Temperature As Used (°F)	14. Vapor Pressure at 100°F (psia)

PART C: Emission Controls and Limitations

Part D identifies the control technologies, techniques, and other process limitations corresponding to each process.

15. Add-On Control Technology: *Identify all control technologies used for this unit, and attach completed CE-01 (unless "none").*

☐ None

☐ Other (specify): _____ – Attach CE-10.

16. Control Techniques: *Identify all control techniques used for this process.*

17. Process Limitations / Additional Information:

Identify any acceptable process limitations. Attach additional information if necessary.

PART D: Emission Factors

Part D identifies all emission factors used to calculate air emissions from this process.

18. Process Unit & ID (complete for all units listed on this form)	19. Air Pollutant	20. Emission Factor		21. Source of Emission Factor (if not using AP-42, include source-specific calculations)
		value	units	
	VOC			<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
	HAPS			<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
				<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
				<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
				<input type="checkbox"/> AP-42 <input type="checkbox"/> Other
				<input type="checkbox"/> AP-42 <input type="checkbox"/> Other

PART E: Federal Rule Applicability

Part E identifies any federal rules that apply to the process.

22. Is a New Source Performance Standard (NSPS) applicable to this source?

☐ Yes ☐ No

If yes, attach a completed FED-01 for each rule that applies.

40 CFR Part 60, Subpart _____ (Specify):

23. Is a National Emission Standard for Hazardous Air Pollutants (NESHAP) applicable to this source? *If yes, attach a completed FED-01 for each rule that applies.*

☐ Yes ☐ No

40 CFR Part 61, Subpart _____ (Specify):

40 CFR Part 63, Subpart T Degreasing Organic Cleaners

40 CFR Part 63, Subpart _____ (Specify):

24. Non-Applicability Determination: *Provide an explanation if the process unit appears subject to a rule (based on the rule title or the source category), but the rule will not apply.*

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